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(54) CATALYST FOR MANUFACTURING HYDROGEN PEROXIDE

(57) Abstract:

PROBLEM TO BE SOLVED: To produce a catalyst used for directly manufacturing hydrogen peroxide from hydrogen and oxygen and having excellent activity and selectivity, and to provide a method for manufacturing hydrogen peroxide using the catalyst.

SOLUTION: The catalyst is constituted by supporting a platinum group metal on a meso-pore molecular sieve and the ratio of the platinum group metal is 1-30 mass % with respect to the sum total of the platinum group metal and the meso-pore molecular sieve. Hydrogen peroxide is directly manufactured from oxygen and hydrogen by the catalyst.

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